



# NASA Policy Directive

**NPD 7500.1B**Effective Date: September 12, 1997  
Expiration Date: September 12, 2011**COMPLIANCE IS MANDATORY**[Printable Format \(PDF\)](#)

---

## **Subject: Program and Project Logistics Policy (Revalidated 2/2/06)**

**Responsible Office: Logistics Management Division**

### **1. POLICY**

- a. Agency-funded programs and projects which produce reusable or maintainable flight or ground hardware will apply Integrated Logistic Support engineering and management concepts and techniques to all phases of the program or project cycle to ensure the new or upgraded system will be economically supported through its planned life.
- b. Programs and projects will develop and document an Integrated Logistic Support regimen which addresses at a minimum ground and flight systems hardware maintenance; supply support, including resupply and return; spares reprourement; technical data and documentation; maintenance tools, test, and support equipment; material transportation and handling; maintenance training; and logistic support performance measurements for the life of the program or project. Resources applied to the logistics effort will be scaled to fit the scope and size of the individual program or project.
- c. Programs and projects will conduct a Logistic Support Analysis concurrent with systems design and development, or major modification, to identify and address life-cycle cost drivers; assess demands on the Agency's infrastructure; and to quantify and fill material support needs, including support for nondevelopmental items. The Logistic Support Analysis effort will be tailored to individual program and project needs, using paragraphs 4.a and 4.b as guides.

### **2. APPLICABILITY**

- a. These policies are applicable to NASA Headquarters and NASA Centers, including Component Facilities.
- b. Hardware leased by NASA or loaned to NASA by other Federal agencies, technology development or technology demonstration programs which do not provide mission, flight or systems hardware intended for long-duration use, and systems already in full production or operational as of the effective date of this directive are exempt.

### **3. AUTHORITY**

42 U.S.C. 2473(c), Section 203(c), of the National Aeronautics and Space Act of 1958, as amended.

### **4. REFERENCE**

- a. MIL-HDBK-502, "Acquisition Logistics"
- b. MIL-PRF-49506, "Logistics Management Information"

### **5. RESPONSIBILITY**

- a. The Assistant Administrator for Infrastructure and Administration Management is responsible for establishing program and project logistics management policies and guidance, providing functional leadership in logistics, and providing oversight and review of logistics policy effectiveness.
- b. Associate Administrators are responsible for ensuring compliance with NASA program and project logistics policies within their respective enterprises and for providing enterprise specific policies and standards.
- c. Center Directors are responsible for ensuring that the programs and projects for which they are responsible are in compliance with the logistics policies detailed herein. They are also ultimately accountable for the management and

control of NASA property, supplies, equipment, and transportation services acquired or utilized by their programs and projects.

d. Managers of applicable programs and projects will ensure that adequate processes and controls are in operation to account for NASA property, supplies, equipment, and transportation assets and services acquired or utilized by their respective program or project. They will also designate a program or project logistics manager at the beginning of the mission needs and conceptual studies phase.

## **6. DELEGATION OF AUTHORITY**

None.

## **7. MEASUREMENTS**

Metrics will be used to determine if systems and processes are in place within applicable programs and projects to address the Integrated Logistic Support elements shown in paragraph 1.b, and to assess life cycle costs. At a minimum, program and project plans, requirements documents, and resources budgeted or applied to operations and maintenance support will be examined through formal and informal reviews.

## **8. CANCELLATION**

NPD 7500.1A, dated September 12, 1997.

---

**Revalidated February 2, 2006, Original Signed By  
/s/ Sean O'Keefe  
Administrator**

---

## **ATTACHMENT A: (TEXT)**

**(URL for Graphic)**

**DISTRIBUTION:  
NODIS**

---

**This Document Is Uncontrolled When Printed.**  
Check the NASA Online Directives Information System (NODIS) Library  
to Verify that this is the correct version before use: <http://nodis3.gsfc.nasa.gov>

---